

BIBLIOGRAPHICAL NOTES ON THE
PUBLICATION OF WOOLWARD'S MONOGRAPH
ON THE GENUS *MASDEVALLIA* (ORCHIDACEAE)

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ABSTRACT

The history of publication of Florence H. Woolward's monograph on the genus *Masdevallia* is discussed. Publication dates are given for all parts of the work.

KEYWORDS: *Orchidaceae*, *Masdevallia*, History of Botany, Botanical Art, Woolward

RESUMEN

Se discute la historia de la publicación de la monografía de Florence H. Woolward del género *Masdevallia*. Se dan fechas de publicación de todas las partes del trabajo.

Miss Florence Helen Woolward (1854–1930) was employed or commissioned by the Marquess of Lothian to work and paint in his collection at Newbattle Abbey. Contrary to general belief, Miss Woolward was trained neither in Botany nor as an artist, as can be deduced from her own words in the introductory chapter to the book "... although being neither a trained artist nor botanist". It stands, however, without doubt, that Florence Woolward was one of the best botanical artists known. The original drawings for the *Masdevallia* monograph are kept at the Natural History Museum in London.

In *The Gardeners' Chronicle* for October 25, 1890, the following announcement was published:

"The Genus *Masdevallia*.—The first part of the Marquess of Lothian's *Monograph* of species growing in his collection at Newbattle, is announced as nearly ready. The work will contain hand-coloured lithographs and engravings of every available species. The descriptions and plates are by Miss Woolward, with notes by Consul Lehmann. The work will be issued in parts of imperial quarto size, at the price of £ 1 10s. each part, the issue being limited to 250."

ON THE DATES OF PUBLICATION OF THE GENUS *MASDEVALLIA*

As so often, the correct dates of publication cannot be obtained from the primary source, as the original wrappers merely state the year of publication. Experience has shown that such indications are not necessarily correct. Therefore, secondary literature must be consulted. Unfortunately, not all authors bother to investigate the bibliography in detail, and very often the entire *Masdevallia*

work of Woolward is erroneously considered to have been published in 1896.

Study of the secondary literature, however, reveals that the Woolward monograph was obviously issued in 9 parts. Parts one (1) through eight (8) consisted of 10 plates each, accompanied by the pertinent texts. With part five (5), a preliminary index was published (Rendle 1894). Obviously this preliminary index would have been discarded at the time the work was completed and bound into its final form. Part nine (9) consisted of seven plates, their text, and some additional texts such as the title page, the index, and the “List of species now excluded from the genus *Masdevallia*.”

Stafleu and Cowan (1988) based their publication dates on the notices of reception published in the *Journal of Botany* (*J. Bot.*) There seem, however, to be discrepancies between those data and the information found in *The Gardeners' Chronicle*, probably resulting from the fact that *The Gardeners' Chronicle* was published on a weekly basis and is therefore obviously more exact. Both the Woolward monograph and *The Gardeners' Chronicle* were published in London, and it may be assumed that each installment of the Woolward monograph reached the *Chronicle* without delay.

Based on the data retrieved from notes of reception and from reviews in *The Gardeners' Chronicle*, the following dates of publication have been determined (Table 1, 2). The full citation as taken from an original copy is:

The genus Masdevallia. Issued by the Marques of Lothian, K.T., chiefly from plants in his collection at Newbattle Abbey; plates and descriptions by Miss Florence H. Woolward; with additional notes by F.C. Lehmann (German Consul in the Republic of Colombia)- With 87 plates, and 61 woodcuts from photographs. Index and Map.

The book is generally referred to as “Woolward, The genus *Masdevallia*.”

TABLE 1. Probable publication dates for Woolward, The genus *Masdevallia*.

Part	Publication dates	Data from <i>The Gardeners' Chronicle</i>	Notices in <i>Journal of Botany</i>
1	1890 (December)	Note of reception: 27 December 1890 Review: 10 January 1891	Note: 30 January 1891 Review: March 1891
2	1891 (August)	Note of reception: 29 August 1891	September 1891
3	1892 (August)	Note of reception: 3 September 1892 Review: 10 September 1892	November 1892
4	1893 (July)	5 August 1893. Reference in note on <i>Masdevallia fragrans</i> and <i>Masdevallia aristata</i> – “The recently issued part IV ...”	August 1893
5	1894 (February)	Review: 24 February 1894	No. 32, 1894
6	1895 (February)	Review: 2 March 1895	?
7	1895 (October)	Review: 9 November 1895	October 1895
8	1896 (October)	Review: 24 October 1896 “We heartily congratulate Miss Woolward on the completion of her work ...”	October 1896
9	1896 (October)	Review: 24 October 1896 (see above)	October 1896

TABLE 2. Publication dates of plates arranged alphabetically according to plant names.

Plant Name	Part	Publication date
01. <i>Masdevallia abbreviata</i> Reichenbach fil.	4	July 1893
02. <i>Masdevallia amabilis</i> Reichenbach fil.	1	December 1890
03. <i>Masdevallia aristata</i> Rodrigues	4	July 1893
04. <i>Masdevallia arminii</i> Reichenbach fil.	3	August 1892
05. <i>Masdevallia attenuata</i> Reichenbach fil.	9	October 1896
06. <i>Masdevallia auropurpurea</i> Reichenbach fil.	8	October 1896
07. <i>Masdevallia barlaeana</i> Reichenbach fil.	8	October 1896
08. <i>Masdevallia bella</i> Reichenbach fil.	1	December 1890
09. <i>Masdevallia caloptera</i> Reichenbach fil.	7	October 1895
10. <i>Masdevallia calura</i> Reichenbach fil.	8	October 1896
11. <i>Masdevallia campyloglossa</i> Reichenbach fil.	8	October 1896
12. <i>Masdevallia carderi</i> Reichenbach fil.	3	August 1892
13. <i>Masdevallia caudata</i> Lindley	3	August 1892
14. <i>Masdevallia chestertoni</i> Reichenbach fil.	1	December 1890
15. <i>Masdevallia chimaera</i> Reichenbach fil.	5	February 1894
16. <i>Masdevallia chimaera</i> var. <i>backhousiana</i> Veitch	5	February 1894
17. <i>Masdevallia chimaera</i> var. <i>roezlii</i> Veitch	5	February 1894
18. <i>Masdevallia civilis</i> Reichenbach fil.	2	August 1891
19. <i>Masdevallia coccinea</i> Linden	3	August 1892
20. <i>Masdevallia coriacea</i> Lindley	3	August 1892
21. <i>Masdevallia corniculata</i> Reichenbach fil.	2	August 1891
22. <i>Masdevallia cucullata</i> Lindley	2	August 1891
23. <i>Masdevallia cupularis</i> Reichenbach fil.	8	October 1896
24. <i>Masdevallia curtipes</i> Rodrigues	5	February 1894
25. <i>Masdevallia davisii</i> Reichenbach fil.	3	August 1892
26. <i>Masdevallia demissa</i> Reichenbach fil.	5	February 1894
27. <i>Masdevallia elephanticeps</i> Reichenbach fil.	6	February 1895
28. <i>Masdevallia ephippium</i> Reichenbach fil.	1	December 1890
29. <i>Masdevallia erythrochaete</i> Reichenbach fil.	8	October 1896
30. <i>Masdevallia estradae</i> Reichenbach fil.	3	August 1892
31. <i>Masdevallia floribunda</i> Lindley	4	July 1893
32. <i>Masdevallia fractiflexa</i> Woolward	6	February 1895
33. <i>Masdevallia fragrans</i> Woolward	4	July 1893
34. <i>Masdevallia fulvescens</i> Rolfe	9	October 1896
35. <i>Masdevallia gemmata</i> Reichenbach fil.	7	October 1895
36. <i>Masdevallia guttulata</i> Reichenbach fil.	4	July 1893
37. <i>Masdevallia hieroglyphica</i> Reichenbach fil.	6	February 1895
38. <i>Masdevallia houtteana</i> Reichenbach fil.	5	February 1894
39. <i>Masdevallia infracta</i> Lindley	2	August 1891
40. <i>Masdevallia ionocharis</i> Reichenbach fil.	4	July 1893
41. <i>Masdevallia laucheana</i> Kraenzlin ex Woolward	8	October 1896
42. <i>Masdevallia leontoglossa</i> Reichenbach fil.	2	August 1891
43. <i>Masdevallia macrura</i> Reichenbach fil.	1	December 1890
44. <i>Masdevallia maculata</i> Klotzsch	2	August 1891
45. <i>Masdevallia marginella</i> Reichenbach fil.	9	October 1896
46. <i>Masdevallia melanopus</i> Reichenbach fil.	4	July 1893

Plant Name	Part	Publication date
47. <i>Masdevallia militaris</i> Reichenbach fil.	4	July 1893
48. <i>Masdevallia mooreana</i> Reichenbach fil.	6	February 1895
49. <i>Masdevallia muscosa</i> Reichenbach fil.	6	February 1895
50. <i>Masdevallia nidifica</i> Reichenbach fil.	5	February 1894
51. <i>Masdevallia nycterina</i> Reichenbach fil.	9	October 1896
52. <i>Masdevallia o'brieniana</i> Rolfe	7	October 1895
53. <i>Masdevallia ophioglossa</i> Reichenbach fil.	6	February 1895
54. <i>Masdevallia ortgiesiana</i> Hort. ex Woolward	8	October 1896
55. <i>Masdevallia pachyantha</i> Reichenbach fil.	6	February 1895
56. <i>Masdevallia pachyura</i> Reichenbach fil.	7	October 1895
57. <i>Masdevallia peristeria</i> Reichenbach fil.	1	December 1890
58. <i>Masdevallia picturata</i> Reichenbach fil.	2	August 1891
59. <i>Masdevallia platyglossa</i> Reichenbach fil.	8	October 1896
60. <i>Masdevallia polysticta</i> Reichenbach fil.	3	August 1892
61. <i>Masdevallia porcelliceptis</i> Reichenbach fil.	7	October 1895
62. <i>Masdevallia pusilla</i> Rolfe	9	October 1896
63. <i>Masdevallia racemosa</i> Lindley	4	July 1893
64. <i>Masdevallia radiosa</i> Reichenbach fil.	7	October 1895
65. <i>Masdevallia reichenbachiana</i> Endres	2	August 1891
66. <i>Masdevallia rolfeana</i> Kraenzlin	5	February 1894
67. <i>Masdevallia rosea</i> Lindley	1	December 1890
68. <i>Masdevallia schlimii</i> Linden	2	August 1891
69. <i>Masdevallia schroederiana</i> Woolward	9	October 1896
70. <i>Masdevallia simula</i> Reichenbach fil.	1	December 1890
71. <i>Masdevallia striatella</i> Reichenbach fil.	6	February 1895
72. <i>Masdevallia torta</i> Reichenbach fil.	1	December 1890
73. <i>Masdevallia towarensis</i> Reichenbach fil.	2	August 1891
74. <i>Masdevallia triangularis</i> Lindley	3	August 1892
75. <i>Masdevallia triaristella</i> Reichenbach fil.	7	October 1895
76. <i>Masdevallia triglochis</i> Reichenbach fil.	9	October 1896
77. <i>Masdevallia trinema</i> Reichenbach fil.	7	October 1895
78. <i>Masdevallia troglodytes</i> Morren	7	October 1895
79. <i>Masdevallia uniflora</i> Ruiz & Pavon	5	February 1894
80. <i>Masdevallia veitchiana</i> Reichenbach fil.	1	December 1890
81. <i>Masdevallia velifera</i> Reichenbach fil.	7	October 1895
82. <i>Masdevallia ventricularis</i> Reichenbach fil.	6	February 1895
83. <i>Masdevallia vespertilio</i> Reichenbach fil.	8	October 1896
84. <i>Masdevallia wagneriana</i> Lindley	3	August 1892
85. <i>Masdevallia wendlandiana</i> Reichenbach fil.	6	February 1895
86. <i>Masdevallia xanthina</i> Reichenbach fil.	4	July 1893
87. <i>Masdevallia yauaperyensis</i> Rodrigues	5	February 1894

REFERENCES

- ANONYMOUS. 1890. The genus *Masdevallia*. Gard. Chron. ser. 3, 8(209):754.
 ANONYMOUS. 1891. The genus *Masdevallia*. Gard. Chron. ser. 3, 10(244):252.

- ANONYMOUS. 1892. The genus *Masdevallia*. Gard. Chron. ser. 3, 12(297):279.
- RENDLE, A.B. 1891. Book notice. Gard. Chron. ser. 3, 9(211):52.
- RENDLE, A.B. 1892. Book notice. Gard. Chron. ser. 3, 12(298):310.
- RENDLE, A.B. 1893. *Masdevallia fragrans* and *M. aristata*. Gard. Chron. ser. 3, 14(345):162–163.
- RENDLE, A.B. 1894. Book notice. Gard. Chron. ser. 3, 15(374):240.
- RENDLE, A.B. 1895. Notices of books. Gard. Chron. ser. 3, 17(427):270–271.
- RENDLE, A.B. 1895. Book notice. Gard. Chron. ser. 3, 18(463):550.
- RENDLE, A.B. 1896. Book notice. Gard. Chron. ser. 3, 20(513):490.
- STAFLEU, F.A. and R.S. COWAN. 1988. Taxonomic literature, second edition, 7:452. Regnum veg. 116. Bohn, Scheltema & Holkema, Utrecht/Antwerpen, dr. W. Junk b.v., Publishers, The Hague/Boston.